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RAW SEQUENCE LISTING
PATENT APPLICATION:  US/10/014,743

DATE: 01/02/2002
TIME: 11:28:01

Input Set : A:\Ascii (oct-01).seq.txt
Output Set: N:\CRF3\01022002\J014743.raw

ENTERED

SEQUENCE LISTING

```
 2 (1) GENERAL INFORMATION:
 3       (i) APPLICANT: PE Corporation (NY)
 4      (ii) TITLE OF INVENTION: ENERGY TRANSFER DYES WITH ENHANCED FLUORESCENCE
 5     (iii) NUMBER OF SEQUENCES: 3
 6      (iv) CORRESPONDENCE ADDRESS:
 7           (A) ADDRESSEE: David J. Weitz, Wilson Sonsini Goodrich
 8                          & Rosati
 9           (B) STREET: 650 Page Mill Road
10           (C) CITY: Palo Alto
11           (D) STATE: California
12           (E) COUNTRY: USA
13           (F) ZIP: 94304-1050
15       (v) COMPUTER READABLE FORM:
16           (A) MEDIUM TYPE: 3.5 inch diskette
17           (B) COMPUTER: IBM compatible
18           (C) OPERATING SYSTEM: Microsoft Windows 3.1/DOS 5.0
19           (D) SOFTWARE: Word 97
20                          ASCII (DOS) TEXT format
22      (vi) CURRENT APPLICATION DATA:
C--> 23      (A) APPLICATION NUMBER: US/10/014,743
C--> 24      (B) FILING DATE: 29-Oct-2001
46           (C) CLASSIFICATION:
43     (vii) PRIOR APPLICATION DATA:
28           (A) APPLICATION NUMBER: 08/642,330
29           (B) FILING DATE: May 3, 1996
32           (A) APPLICATION NUMBER: 08/672,196
33           (B) FILING DATE: June 27, 1996
36           (A) APPLICATION NUMBER: 08/726,462
37           (B) FILING DATE: October 4, 1996
40           (A) APPLICATION NUMBER: 09/046,203
41           (B) FILING DATE: March 23, 1998
44           (A) APPLICATION NUMBER: 09/272,097
45           (B) FILING DATE: March 18, 1999
48    (viii) ATTORNEY/AGENT INFORMATION:
49           (A) NAME: David J. Weitz
50           (B) REGISTRATION NUMBER: 38,362
51           (C) REFERENCE/DOCKET NUMBER: 16842-776
53      (ix) TELECOMMUNICATION INFORMATION:
54           (A) TELEPHONE: (650) 493-9300
55           (B) TELEFAX: (650) 493-6811
57 (2) INFORMATION FOR SEQ ID NO: 1:
58       (i) SEQUENCE CHARACTERISTICS:
59           (A) LENGTH: 1217 nucleotides
60           (B) TYPE: nucleic acid
61           (C) STRANDEDNESS: single
62           (D) TOPOLOGY: linear
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```
63      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
64  GCCAAGCTTG  CATGCCTGCA  GGTCGACTCT  AGAGGATCCC    40
65  CGGGTACCGA  GCTCGAATTC  GTAATCATGG  TCATAGCTGT    80
66  TTCCTGTGTG  AAATTGTTAT  CCGCTCACAA  TTCCACACAA   120
67  CATACGAGCC  GGAAGCATAA  AGTGTAAAGC  CTGGGGTGCC   160
68  TAATGAGTGA  GCTAACTCAC  ATTAATTGCG  TTGCGCTCAC   200
69  TGCCCGCTTT  CCAGTCGGGA  AACCTGTCGT  GCCAGCTGCA   240
70  TTAATGAATC  GGCCAACGCG  CGGGGAGAGG  CGGTTTGCGT   280
71  ATTGGGCGCC  AGGGTGGTTT  TTCTTTTCAC  CAGTGAGACG   320
72  GGCAACAGCT  GATTGCCCTT  CACCGCCTGG  CCCTGAGAGA   360
73  GTTGCAGCAA  GCGGTCCACG  CTGGTTTGCC  CCAGCAGGCG   400
74  AAAATCCTGT  TTGATGGTGG  TTCCGAAATC  GGCAAAATCC   440
75  CTTATAAATC  AAAAGAATAG  CCCGAGATAG  GGTTGAGTGT   480
76  TGTTCCAGTT  TGGAACAAGA  GTCCACTATT  AAAGAACGTG   520
77  GACTCCAACG  TCAAAGGGCG  AAAAACCGTC  TATCAGGGCG   560
78  ATGGCCCACT  ACGTGAACCA  TCACCCAAAT  CAAGTTTTTT   600
79  GGGGTCGAGG  TGCCGTAAAG  CACTAAATCG  GAACCCTAAA   640
80  GGGAGCCCCC  GATTTAGAGC  TTGACGGGGA  AAGCCGGCGA   680
81  ACGTGGCGAG  AAAGGAAGGG  AAGAAAGCGA  AAGGAGCGGG   720
82  CGCTAGGGCG  CTGGCAAGTG  TAGCGGTCAC  GCTGCGCGTA   760
83  ACCACCACAC  CCGCCGCGCT  TAATGCGCCG  CTACAGGGCG   800
84  CGTACTATGG  TTGCTTTGAC  GAGCACGTAT  AACGTGCTTT   840
85  CCTCGTTGGA  ATCAGAGCGG  GAGCTAAACA  GGAGGCCGAT   880
86  TAAAGGGATT  TTAGACAGGA  ACGGTACGCC  AGAATCTTGA   920
87  GAAGTGTTTT  TATAATCAGT  GAGGCCACCG  AGTAAAAGAG   960
88  TCTGTCCATC  ACGCAAATTA  ACCGTTGTAG  CAATACTTCT  1000
89  TTGATTAGTA  ATAACATCAC  TTGCCTGAGT  AGAAGAACTC  1040
90  AAACTATCGG  CCTTGCTGGT  AATATCCAGA  ACAATATTAC  1080
91  CGCCAGCCAT  TGCAACAGGA  AAAACGCTCA  TGGAAATACC  1120
92  TACATTTTGA  CGCTCAATCG  TCTGAAATGG  ATTATTTACA  1160
93  TTGGCAGATT  CACCAGTCAC  ACGACCAGTA  ATAAAAGGGA  1200
94  CATTCTGGCC  AACAGAG                             1217
96 (2) INFORMATION FOR SEQ ID NO: 2:
97      (i) SEQUENCE CHARACTERISTICS:
98          (A) LENGTH: 18 nucleotides
99          (B) TYPE: nucleic acid
100         (C) STRANDEDNESS: single
101         (D) TOPOLOGY: linear
102     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
103 TGTAAAACGA  CGGCCAGT                             18
106 (2) INFORMATION FOR SEQ ID NO: 3:
107     (i) SEQUENCE CHARACTERISTICS:
108         (A) LENGTH: 738 nucleotides
109         (B) TYPE: nucleic acid
110         (C) STRANDEDNESS: single
111         (D) TOPOLOGY: linear
112     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
113 ATACGACTCA  CTATAGGGCG  AATTCGAGCT  CGGTACCCGG    40
114 GGATCCTCTA  GAGTCGACCT  GCAGGCATGC  AAGCTTGAGT    80
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```
115 ATTCTATAGT    GTCACCTAAA    TAGCTTGGCG    TAATCATGGT    120
116 CATAGCTGTT    TCCTGTGTGA    AATTGTTATC    CGCTCACAAT    160
117 TCCACACAAC    ATACGAGCCG    GAAGCATAAA    GTGTAAAGCC    200
118 TGGGGTGCCT    AATGAGTGAG    CTAACTCACA    TTAATTGCGT    240
119 TGCGCTCACT    GCCCGCTTTC    CAGTCGGGAA    ACCTGTCGTG    280
120 CCAGCTGCAT    TAATGAATCG    GCCAACGCGC    GGGGAGAGGC    320
121 GGTTTGCGTA    TTGGGCGCTC    TTCCGCTTCC    TCGCTCACTG    360
122 ACTCGCTGCG    CTCGGTCGTT    CGGCTGCGGC    GAGCGGTATC    400
123 AGCTCACTCA    AAGGCGGTAA    TACGGTTATC    CACAGAATCA    440
124 GGGGATAACG    CAGGAAAGAA    CATGTGAGCA    AAAGGCCAGC    480
125 AAAAGGCCAG    GAACCGTAAA    AAGGCCGCGT    TGCTGGCGTT    520
126 TTTCCATAGG    CTCCGCCCCC    CTGACGAGCA    TCACAAAAAT    560
127 CGACGCTCAA    GTCAGAGGTG    GCGAAACCCG    ACAGGACTAT    600
128 AAAGATACCA    GGCGTTTCCC    CCTGGAAGCT    CCCTCGTGCG    640
129 CTCTCCTGTT    CCGACCCTGC    CGCTTACCGG    ATACCTGTCC    680
130 GCCTTTCTCC    CTTCGGGAAG    CGTGGCGCTT    TCTCATAGCT    720
131 CACGCTGTAG    GTATCTCA                                 738
```

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L:23 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:24 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]